

# vacuum suction cup

## ESV-40-ES

Part number: 191033

FESTO

Wearing part, easily replaceable



## Data sheet

| Feature                                       | Value   |
|---|---|
| Min. workpiece radius                         | 80 mm   |
| suction cup diameter                          | 40 mm   |
| suction cup volume                            | 3.733 cm <sup>3</sup>                           |
| Position of connection                        | on top  |
| Assembly position                             | Any   |
| Suction cup shape                             | Round, extra deep                               |
| Operating pressure MPa                        | -95 ... 0 kPa                                   |
| Operating pressure                            | -0.95 ... 0 bar<br>-13.775 ... 0 psi            |
| Nominal operating pressure                    | -70 kPa<br>-0.7 bar                             |
| Nominal operating pressure (psi)              | -10.15 psi                                      |
| Operating medium                              | Atmospheric air based on ISO 8573-1:2010 [7:::] |
| PWIS conformity                               | VDMA24364 zone III                              |
| Food-safe                                     | See Supplementary material information          |
| Ambient temperature                           | -30 ... 180 °C                                  |
| Retention force at nominal operating pressure | 67.6 N  |
| Product weight                                | 8 g   |
| Colour  | transparent                                     |
| Shore hardness                                | 50 +/- 5  |
| Materials note                                | Conforms to RoHS                                |
| Material suction cup                          | VMQ (silicon)                                   |